Technology Education Matrix 2007
Primary School Years 1 to 6

	Year 1	Year 2/3	Year 4	Year 5		Year 6
	Materials	Materials	Materials	Dynamic	Materials	
	Cat toys	Functional pet toy	Placemats for class lunches	Circus	Candleholder	
	Students will create a safe and attractive toy for a cat after researching toys that cats like	Students visited the pet shop to decide on a need/opportunity. Students will design and make a scratching post for cats	Students will design and make placemats (incorporating Podge techniques) for class lunches/parties	Students will design a mechanism incorporating levers/pulleys and gears	Students will produce a candle holder after surveying stakeholders and developing specs to meet stakeholders' needs	
Brief Development	✓	✓	✓	✓	✓	
Planning for Practice	✓		✓			
Outcome Development and Evaluation			✓			
Technological Modelling		✓	✓	✓	✓	
Technological Products			✓			
Technological systems						
Characteristics of technology						
Characteristics of technological outcomes					✓	
Habits of Mind	Thinking flexibly Applying past knowledge Managing impulsivity Creating, imagining and innovating	Applying past knowledge Gather data through all senses Managing impulsivity Questioning and posing problems Creating, imagining and innovating	Persistence Thinking flexibly Applying past knowledge Taking responsible risks Remaining open to continuous learning Managing impulsivity Questioning and posing problems Creating, imagining and innovating Striving for accuracy	Thinking flexibly Applying past knowledge Gather data through all senses Remaining open to continuous learning Managing impulsivity Metacognition (thinking about thinking) Questioning and posing problems Creating, imagining and innovating Finding humour Listening with empathy and understanding Striving for accuracy Thinking and communicating with clarity and precision	Persistence Thinking flexibly Applying past knowledge Remaining open to continuous learning Managing impulsivity Metacognition (thinking about thinking) Questioning and posing problems Creating, imagining and innovating Finding humour Listening with empathy and understanding Striving for accuracy Thinking and communicating with clarity and precision	
Links to other curriculum areas	Art Science – the way a cat moves/leaps	Language – questioning, oral, written Maths – survey data and graphs, measuring Art - construction	Maths - measurement	Language Art		

Technology Education Matrix 2007

Middle School
Years 7 to 9

	Year 7		Year 8		Year 9					
	Materials		Materials	Food	Graphics		Biotech	Food	CommTech	Materials
	1. Tag Book Students will gn and create a book on a cted theme	2. Recycled les Students the rag rug truction niques to truct a small	Toiletries Holder Students will design and truct a toiletries holder specific eir needs	The Ultimate ck Students will elop a bread d snack food	Logo esign	Landscape Design Students gn and ent (using hics skills) ndscape gn for a n section	Body products Students elop a room body luct	Calci rich snacks Students elop a recipe ake an ealing, calci- product able for their s (and other eholders)	Middle school newspaper Students create iddle school spaper in lesign" on dle School nts term1 and 2	Bag Ladies Students gn and truct a tote to meet their stakeholders) ls
Brief Development	Students are en an overview Technological Practice	✓		✓		✓		✓	✓	✓
Planning for Practice			✓			✓	✓	✓	✓	Organisation f resources
Outcome velopment and Evaluation		✓	✓	✓		✓	✓	✓		✓
Technological Modelling			✓							
Technological Modelling						✓				✓
Technological products						✓				✓
Technological systems				✓			✓		✓	
Characteristics f technology									✓	
Characteristics technological outcomes				✓		✓				
Habits of Mind	Taking onsible risks Creating, gining and vating Striving for racy	Persistence Striving for uracy	Persistence Thinking flexibly Striving for accuracy	Persistence Thinking ibly Applying Past wledge Creating, gining and vating Thinking rdependently	Persistence Applying past wledge Gather data through enses Remaining open to inuous learning Managing ulsivity Questioning and ng problems Striving for uracy		Persistence Gather through all es Managing ulsivity Creating, gining and vating Striving Accuracy	Persistence Thinking ibly Applying knowledge	Persistence Thinking ibly Gathering data ugh all senses Creating, gining and vating Thinking and mmunicating with ity and precision	Persistence Managing ulsivity Striving for racy Creating, gining and vating Applying knowledge
Links to other rriculum areas	Maths – measurement Language – Visual, oral, ten		Maths – measuring Language – visual, written oral Science – erproofing/showerproofing of erials	Maths- basic s, measuring, mes, peratures, mating quantities	Maths – measuring, e Art – freehand ching, rendering					Maths – surement

Technology Matrix 2007
Secondary School
Years 10 to 13

	Year 10					Year 11		Year 12		Year 13
	CommTech	Graphics	Materials	Food	Biotechnology	Materials	Materials	Materials	Materials	Materials
	Music project Students will create a music CD and CD cover and a website for a CD of the student's choice		Skirt Design Students will construct a skirt using their own pattern	Make a Burger Students will develop a burger for a stakeholder	Feltmaking Students design and make an article from felt using appropriate techniques previously trialled	On the Outskirts Students produce a skirt incorporating an appropriate embellishment technique	Shelter Students will design and construct a product to reflect the theme and meet their stakeholders needs	Bags Students will design a bag for clients of 'Upshot' coffee	Mainstreet Students will design and construct garments to reflect streetwear and meet the needs of their stakeholders	Fashion Students work with a client to produce garments for 2008
Brief Development	✓		✓	✓	✓	✓	✓	✓	✓	✓
Planning for Practice	✓		✓		✓	✓	✓	✓	✓	✓
Outcome Development and Evaluation	✓		✓	✓	✓	✓	✓	✓	✓	✓
Technological modelling			✓			✓	✓	✓	✓	✓
Technological products					✓					
Technological systems				✓	✓					
Characteristics of technology										
Characteristics of technological Outcomes				✓						
Habits of Mind	Persistence Applying past knowledge Creating, imagining and innovating Striving for accuracy Thinking and communicating with clarity and precision		Persistence Applying past knowledge Striving for accuracy	Persistence Thinking flexibly Applying past knowledge Creating, imagining and innovating Thinking and communicating with clarity and precision	Persistence Applying past knowledge Taking responsible risks Remaining open to continuous learning Metacognition Finding humour Listening with understanding and empathy Striving for accuracy Thinking and communicating with clarity and precision Responding with wonderment and awe Thinking interdependently		Thinking flexibly Taking responsible risks Remaining open to continuous learning Creating, imagining and innovating	Applying past knowledge Taking responsible risks Creating, imagining and innovating	Persistence	Persistence
Links to other curriculum areas	Maths – measurement Art – visual design Language – communication of content, spelling, grammar			Language – reading and comprehension Maths – Basic skills, estimation of quantities Health – Understanding the nutritional requirements of stakeholder		Maths – measurement, proportion Art – presentation skills, freehand sketching, colour rendering Language - written	Maths – measurement, Art – presentation, freehand sketching	Maths – measurement, Art – presentation, freehand sketching	Maths – measurement, proportion, body shape Art – presentation, freehand sketching, colour rendering Language - written	Maths – measurement, proportion Art – presentation, freehand sketching of the body Language - written